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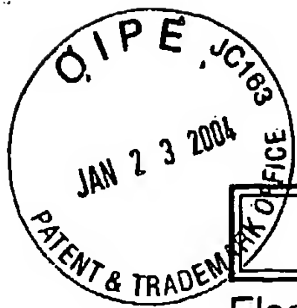
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ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

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| Title of Invention | Controlling Access to Multiple Memory Zones in an Isolated Execution Environment |
|-------------------------|---|
| Application Number: | 10/683542 |
| Confirmation Number: | 2621 |
| First Named Applicant: | Carl Ellison |
| Attorney Docket Number: | 42P09654C |
| Art Unit: | 2186 |
| Examiner: | Behzad Peikari |
| Search string: | (20010021969 or 20010027527 or 20010037450 or 20030018892 or 4037214 or 4162536 or 4247905 or 4276594 or 4278837 or 4307447 or 4319323 or 4347565 or 4366537 or 4521852 or 4571672 or 4759064 or 4795893 or 4825052 or 4907270 or 4907272 or 4910774 or 5007082 or 5022077 or 5075842 or 5079737 or 5139760 or 5255379 or 5293424 or 5317705 or 5319760 or 5386552 or 5421006 or 5434999 or 5437033 or 5442645 or 5455909 or 5459867 or 5459869 or 5473692 or 5479509 or 5504922 or 5511217 or 5522075 or 5528231 or 5533126 or 5566323 or 5568552 or 5606617 or 5615263 or 5628022 or 5657445 or 5717903 or 5720609 or 5721222 or 5729760 or 5737604 or 5737760 or 5757919 or 5764969 or 5796835 or 5796845 or 5805712 or 5825875 or 5835594 or 5844986 or 5852717 or 5854913 or 5867577 or 5872994 or 5890189 or 5900606 or 5901225 or 5903752 or 5937063 or 5953502 or 5970147 or 5978481 or 5987557 or 6014745 or 6055637 or 6058478 or 6061794 or 6075938 or 6085296 or 6092095 or 6101584 or 6115816 or 6125430 or 6148379 or 6158546 or 6175925 or 6178509 or 6182089 or 6192455 or 6205550 or 6212635 or 6222923 or 6249872 or 6252650 or 6269392 or 6272533 or 6272637 or 6282651 or 6282657 or 6292874 or 6301646 or 6308270 or 6314409 or 6321314 or 6330670 or 6339815 or 6339816 or 6357004 or 6363485 or 6374286 or 6374317 or 6378072 or 6389537 or 6397242 or 6412035 or 6421702 or 6435416 or 6445797 or 6463535 or 6463537 or |

6499123 or 6505279 or 6507904 or 6535988 or
6557104 or 6633963 or 6633981).pn.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

| init | Cite.No. | Patent No. | Date | Patentee | Kind | Class | Subclass |
|------|----------|-------------|------------|----------------------------------|------|-------|----------|
| BP | 1 | 20010021969 | 2001-09-13 | Burger, Stephen G., et al. | | | |
| PA | 2 | 20010027527 | 2001-10-04 | Khidekel, Yuri , et al. | | | |
| M | 3 | 20010037450 | 2001-11-01 | Metlitski, Evgueny A., et al. | | | |
| M | 4 | 20030018892 | 2003-01-23 | Tello, Jose | | | |
| M | 5 | 4037214 | 1997-07-09 | Birney, Richard E., et al. | | | |
| M | 6 | 4162536 | 1979-07-24 | Morley, Richard E. | | | |
| M | 7 | 4247905 | 1981-01-27 | Yoshida, Yukihiro , et al. | | 711 | 166 |
| M | 8 | 4276594 | 1981-06-30 | Morley, Richard E. | | | |
| M | 9 | 4278837 | 1981-07-14 | Best, Robert M. | | | |
| M | 10 | 4307447 | 1981-12-22 | Provanzano, Salvatore R., et al. | | | |
| M | 11 | 4319323 | 1982-03-09 | Ermolovich, Thomas R., et al. | | | |
| M | 12 | 4347565 | 1982-08-31 | Kaneda, Saburo , et al. | | | |
| M | 13 | 4366537 | 1982-12-28 | Andrew, R. H., et al. | | | |
| M | 14 | 4521852 | 1985-06-04 | Guttag, Karl M. | | | |
| M | 15 | 4571672 | 1986-02-18 | Hatada, Minoru , et al. | | | |
| M | 16 | 4759064 | 1988-07-19 | Chaum, | | | |
| M | 17 | 4795893 | 1989-01-03 | Ugon, Michael | | | |
| M | 18 | 4825052 | 1989-04-25 | Chemin, Francois , et al. | | | |
| M | 19 | 4907270 | 1990-03-06 | Hazard, Michel | | | |
| M | 20 | 4907272 | 1990-03-06 | Hazard, Michel | | | |
| M | 21 | 4910774 | 1990-03-20 | Barakat, Simon | | | |
| M | 22 | 5007082 | 1991-04-09 | Cummins, Mary T. | | | |
| M | 23 | 5022077 | 1991-06-04 | Bealkowski, Richard , et al. | | | |
| M | 24 | 5075842 | 1991-12-24 | Lai, Konrad K. | | | |
| M | 25 | 5079737 | 1992-01-07 | Hackbarth, Holden G. | | 711 | 164 |
| M | 26 | 5139760 | 1994-06-07 | Mason, Andrew H., et al. | | | |
| M | 27 | 5255379 | 1994-03-08 | Melo, Michael D. | | | |
| M | 28 | 5293424 | 1994-03-08 | Hotley, Thomas O., et al. | | | |
| M | 29 | 5317705 | 1994-05-31 | Gannon, Patrick M., et al. | | | |
| | | | | | | | |

| | | | | |
|----|----|---------|------------|---------------------------------|
| 44 | 30 | 5319760 | 1994-06-07 | Mason, Andrew H., et al. |
| 44 | 31 | 5386552 | 1995-01-31 | Garney, John L. |
| 44 | 32 | 5421006 | 1995-05-30 | Jablon, David P., et al. |
| 44 | 33 | 5434999 | 1995-07-18 | Goire, Christian , et al. |
| 44 | 34 | 5437033 | 1995-07-25 | Inoue, Taro , et al. |
| 44 | 35 | 5442645 | 1995-08-15 | Ugon, Michel , et al. |
| 44 | 36 | 5455909 | 1995-10-03 | Blomgren, James S., et al. |
| 44 | 37 | 5459867 | 1995-10-17 | Adams, Phillip M., et al. |
| 44 | 38 | 5459869 | 1995-10-17 | Spilo, Michael L. |
| 44 | 39 | 5473692 | 1995-12-05 | Davis, Derek L. |
| 44 | 40 | 5479509 | 1995-12-26 | Ugon, Michael |
| 44 | 41 | 5504922 | 1996-04-02 | Seki, Yukihiro , et al. |
| 44 | 42 | 5511217 | 1996-04-23 | Nakajima, Atsushi , et al. |
| 44 | 43 | 5522075 | 1996-05-28 | Robinson, Paul T., et al. |
| 44 | 44 | 5528231 | 1996-06-18 | Patarin, Jacques |
| 44 | 45 | 5533126 | 1996-07-02 | Hazard, Michel , et al. |
| 44 | 46 | 5566323 | 1996-10-15 | Ugon, Michel |
| 44 | 47 | 5568552 | 1996-10-22 | Davis, Derek L. |
| 44 | 48 | 5606617 | 1997-02-25 | Brands, Stefanus A. |
| 44 | 49 | 5615263 | 1997-03-25 | Takahashi, Richard J. |
| 44 | 50 | 5628022 | 1997-05-06 | Ueno, Masahiro , et al. |
| 44 | 51 | 5657445 | 1997-08-12 | Pearce, John J. |
| 44 | 52 | 5717903 | 1998-02-10 | Bonola, Thomas J. |
| 44 | 53 | 5720609 | 1998-02-24 | Pfefferle, William C. |
| 44 | 54 | 5721222 | 1998-02-24 | Bernstein, Peter R., et al. |
| 44 | 55 | 5729760 | 1998-03-17 | Poisner, David I. |
| 44 | 56 | 5737604 | 1998-04-07 | Miller, David A., et al. |
| 44 | 57 | 5737760 | 1998-08-07 | Grimmer, Jr., George G., et al. |
| 44 | 58 | 5757919 | 1998-05-26 | Herbert, Howard C., et al. |
| 44 | 59 | 5764969 | 1998-06-09 | Kahle, James A. |
| 44 | 60 | 5796835 | 1998-08-18 | Saada, Charles |
| 44 | 61 | 5796845 | 1998-08-18 | Serikawa, Mitsuhiro , et al. |
| 44 | 62 | 5805712 | 1998-09-08 | Davis, Derek L. |
| 44 | 63 | 5825875 | 1998-10-20 | Ugon, Michel |
| 44 | 64 | 5835594 | 1998-11-10 | Albrecht, Mark , et al. |
| 44 | 65 | 5844986 | 1998-12-01 | Davis, Derek L. |
| | | | | |

711

163

| | | | |
|-----|---------|------------|----------------------------------|
| 66 | 5852717 | 1998-12-22 | Bhide, Chandrashekhar W., et al. |
| 67 | 5854913 | 1998-12-29 | Goetz, John W., et al. |
| 68 | 5867577 | 1999-02-02 | Patarin, Jacques |
| 69 | 5872994 | 1999-02-16 | Akiyama, Shin-Ichiro , et al. |
| 70 | 5890189 | 1999-03-30 | Nozue, Hiroshi , et al. |
| 71 | 5900606 | 1999-05-04 | Rigal, Vincent |
| 72 | 5901225 | 1999-05-04 | Ireton, Mark A., et al. |
| 73 | 5903752 | 1999-05-11 | Dingwall, Thomas J., et al. |
| 74 | 5937063 | 1999-08-10 | Davis, Derek L. |
| 75 | 5953502 | 1999-09-14 | Helbig, Sr., Walter A. |
| 76 | 5970147 | 1999-10-19 | Davis, Derek L., et al. |
| 77 | 5978481 | 1999-11-02 | Ganesan, Ramanan V., et al. |
| 78 | 5987557 | 1999-11-16 | Ebrahim, Zahir |
| 79 | 6014745 | 2000-01-11 | Ashe, Vincent |
| 80 | 6055637 | 2000-04-25 | Hudson, Jerome D., et al. |
| 81 | 6058478 | 2000-05-02 | Davis, Derek L. |
| 82 | 6061794 | 2000-05-09 | Angelo, Michael E. |
| 83 | 6075938 | 2000-06-13 | Bugnion, Edouard , et al. |
| 84 | 6085296 | 2000-07-04 | Karkhanis, Nitin Y., et al. |
| 85 | 6092095 | 2000-07-18 | Maytal, Benjamin |
| 86 | 6101584 | 2000-08-08 | Satou, Mitsugu , et al. |
| 87 | 6115816 | 2000-09-05 | Davis, Derek L. |
| 88 | 6125430 | 2000-09-26 | Noel, Karen L., et al. |
| 89 | 6148379 | 2000-11-14 | Schimmel, Curt F. |
| 90 | 6158546 | 2000-12-12 | Hanson, Roger D., et al. |
| 91 | 6175925 | 2001-01-16 | Nardone, Joseph M., et al. |
| 92 | 6178509 | 2001-01-23 | Nardone, Joseph M. |
| 93 | 6182089 | 2001-01-30 | Ganapathy, Narayanan , et al. |
| 94 | 6192455 | 2001-02-20 | Bogin, Zohar , et al. |
| 95 | 6205550 | 2001-03-20 | Nardone, Joseph M., et al. |
| 96 | 6212635 | 2001-04-03 | Reardon, David C. |
| 97 | 6222923 | 2001-04-24 | Schwenk, Joerg |
| 98 | 6249872 | 2001-06-19 | Wildgrube, Frank L., et al. |
| 99 | 6252650 | 2001-06-26 | Nakaumra, Kouji |
| 100 | 6269392 | 2001-07-31 | Cotichini, Christian , et al. |
| 101 | 6272533 | 2001-08-07 | Browne, Hendrik A., et al. |

| | |
|-----|-----|
| 713 | 200 |
|-----|-----|

| | |
|-----|-----|
| 709 | 213 |
|-----|-----|

| | | | | | | |
|---|-----|---------|------------|------------------------------|-----|-----|
| 4 | 102 | 6272637 | 2001-08-07 | Little, Wendell L., et al. | 713 | 194 |
| 4 | 103 | 6282651 | 2001-08-28 | Ashe, Vincent | | |
| 4 | 104 | 6282657 | 2001-08-28 | Kaplan, Michael M., et al. | | |
| 4 | 105 | 6292874 | 2001-09-18 | Barnett, Philip C. | 711 | 153 |
| 4 | 106 | 6301646 | 2001-10-09 | Hostetter, Matthew J. | | |
| 4 | 107 | 6308270 | 2001-10-23 | Guthery, Scott B., et al. | | |
| 4 | 108 | 6314409 | 2001-11-06 | Schneck, Paul B., et al. | | |
| 4 | 109 | 6321314 | 2001-11-20 | Van Dyke, Korbin S. | | |
| 4 | 110 | 6330670 | 2001-12-11 | England, Paul , et al. | | |
| 4 | 111 | 6339815 | 2002-01-15 | Feng, Eugene | | |
| 4 | 112 | 6339816 | 2002-01-12 | Bausch, Jean | | |
| 4 | 113 | 6357004 | 2002-03-12 | Davis, Derek L. | | |
| 4 | 114 | 6363485 | 2002-03-26 | Adams, Carlisle | | |
| 4 | 115 | 6374286 | 2002-04-16 | Gee, John K., et al. | | |
| 4 | 116 | 6374317 | 2002-04-16 | Ajanovic, Jasmin , et al. | 710 | 105 |
| 4 | 117 | 6378072 | 2002-04-23 | Collins, Thomas , et al. | | |
| 4 | 118 | 6389537 | 2002-05-14 | Davis, Derek L., et al. | | |
| 4 | 119 | 6397242 | 2002-05-28 | Devine, Scott W., et al. | | |
| 4 | 120 | 6412035 | 2002-06-25 | Webber, Victor | | |
| 4 | 121 | 6421702 | 2002-07-16 | Gulick, Dale E. | | |
| 4 | 122 | 6435416 | 2002-08-20 | Slassi, Tarik | | |
| 4 | 123 | 6445797 | 2002-09-03 | McGough, Paul , et al. | | |
| 4 | 124 | 6463535 | 2002-10-08 | Drews, Paul C., et al. | | |
| 4 | 125 | 6463537 | 2002-10-08 | Tello, Jose A. | | |
| 4 | 126 | 6499123 | 2002-12-24 | McFarlane, Harold L., et al. | | |
| 4 | 127 | 6505279 | 2003-01-07 | Phillips, Gary , et al. | | |
| 4 | 128 | 6507904 | 2003-01-14 | Ellison, Carl M., et al. | | |
| 4 | 129 | 6535988 | 2003-03-18 | Poisner, David L. | | |
| 4 | 130 | 6557104 | 2003-04-29 | Vu, Son T., et al. | | |
| 4 | 131 | 6633963 | 2003-10-14 | Ellison, Carl M., et al. | | |
| 4 | 132 | 6633981 | 2003-10-14 | Davis, Derek L. | | |


Remarks

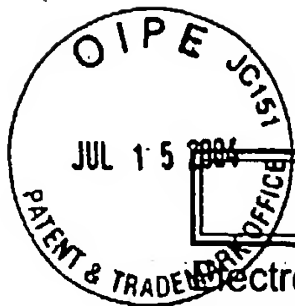
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Applicants, in accordance with their duty of disclosure under 37 CFR 1.56 and in

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Signature


| Examiner Name | Date |
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|  | 9/19/04 |



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18


Stylesheet Version v18.0

| Title of Invention | Controlling Access to Multiple Memory Zones in an Isolated Execution Environment | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|-------------|------------|------------------------------|------|-------|----------|------|----------|------------|------|----------|------|-------|----------|----------------|---|-------------|------------|------------------------------|--|--|--|----------------|---|-------------|------------|--------------------------|--|--|--|----------------|---|-------------|------------|---------------------------|--|--|--|
| <p>Application Number: 10/683542 </p> <p>Confirmation Number: 2621</p> <p>First Named Applicant: Carl Ellison</p> <p>Attorney Docket Number: 42P09654C</p> <p>Art Unit: 2186</p> <p>Examiner: Behzad Peikari</p> <p>Search string: (20010027511 or 20020007456 or 20020023032 or 20020147916 or 20020166061 or 20020169717 or 20030074548 or 20030115453 or 20030126442 or 20030126453 or 20030159056 or 20030188179 or 20030196085 or 20040117539 or 3699532 or 3996449 or 4207609 or 4319233 or 4403283 or 4419724 or 4430709 or 4802084 or 4975836 or 5187802 or 5230069 or 5237616 or 5287363 or 5295251 or 5361375 or 5469557 or 5506975 or 5555385 or 5555414 or 5560013 or 5564040 or 5574936 or 5582717 or 5604805 or 5633929 or 5668971 or 5684948 or 5706469 or 5740178 or 5752046 or 5809546 or 5825880 or 5919257 or 5935242 or 5935247 or 5956408 or 5978475 or 6035374 or 6044478 or 6088262 or 6093213 or 6108644 or 6131166 or 6173417 or 6175924 or 6188257 or 6199152 or 6275933 or 6282650 or 6327652 or 6378068 or 6397379 or 6529909 or 6560627 or 6609199 or 6615278 or 6651171 or 6678825 or 6684326).pn.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <h2>US Patent Documents</h2> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td>u₁</td><td>1</td><td>20010027511</td><td>2001-10-04</td><td>Wakabayashi, Masaki , et al.</td><td></td><td></td><td></td></tr><tr><td>u₂</td><td>2</td><td>20020007456</td><td>2002-01-17</td><td>Peinado, Marcus , et al.</td><td></td><td></td><td></td></tr><tr><td>u₃</td><td>3</td><td>20020023032</td><td>2002-02-21</td><td>Pearson, Siani L., et al.</td><td></td><td></td><td></td></tr></tbody></table> | | | | | | | | init | Cite.No. | Patent No. | Date | Patentee | Kind | Class | Subclass | u ₁ | 1 | 20010027511 | 2001-10-04 | Wakabayashi, Masaki , et al. | | | | u ₂ | 2 | 20020007456 | 2002-01-17 | Peinado, Marcus , et al. | | | | u ₃ | 3 | 20020023032 | 2002-02-21 | Pearson, Siani L., et al. | | | |
| init | Cite.No. | Patent No. | Date | Patentee | Kind | Class | Subclass | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| u ₁ | 1 | 20010027511 | 2001-10-04 | Wakabayashi, Masaki , et al. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| u ₂ | 2 | 20020007456 | 2002-01-17 | Peinado, Marcus , et al. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| u ₃ | 3 | 20020023032 | 2002-02-21 | Pearson, Siani L., et al. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | |
|---|----|-------------|------------|-------------------------------|
| 4 | 4 | 20020147916 | 2002-10-10 | Strongin, Geoffrey S., et al. |
| d | 5 | 20020166061 | 2002-11-07 | Falik, Ohad , et al. |
| q | 6 | 20020169717 | 2002-11-14 | Challener, David C. |
| u | 7 | 20030074548 | 2003-04-17 | Cromer, Daryl C., et al. |
| q | 8 | 20030115453 | 2003-06-19 | Grawrock, David W. |
| q | 9 | 20030126442 | 2003-07-03 | Glew, Andrew F., et al. |
| q | 10 | 20030126453 | 2003-07-03 | Glew, Andrew F., et al. . |
| q | 11 | 20030159056 | 2003-08-21 | Cromer, Daryl C., et al. |
| u | 12 | 20030188179 | 2003-10-02 | Challener, David C., et al. |
| u | 13 | 20030196085 | 2003-10-16 | Lampson, Butler W., et al. |
| q | 14 | 20040117539 | 2004-06-17 | Bennett, Steve , et al. |
| q | 15 | 3699532 | 1972-10-17 | Schaffer, Harry G., et al. |
| u | 16 | 3996449 | 1976-12-07 | Attanasio, Clement R., et al. |
| q | 17 | 4207609 | 1980-06-10 | Luiz, Fernando A., et al. |
| u | 18 | 4319233 | 1982-03-09 | Matsuoka, Michihiro , et al. |
| q | 19 | 4403283 | 1983-09-06 | Myntti, Jon N., et al. |
| q | 20 | 4419724 | 1983-12-06 | Branigin, Michael H., et al. |
| q | 21 | 4430709 | 1984-02-07 | Schleupen, Richard , et al. |
| u | 22 | 4802084 | 1989-01-31 | Ikegaya, Hiroshi , et al. |
| q | 23 | 4975836 | 1990-12-04 | Hirosawa, Toshio , et al. |
| u | 24 | 5187802 | 1993-02-16 | Inoue, Taro , et al. |
| q | 25 | 5230069 | 1993-02-16 | Brelsford, David P., et al. |
| q | 26 | 5237616 | 1993-08-17 | Abraham, Dennis G., et al. |
| q | 27 | 5287363 | 1994-02-15 | Wolf, Paul I., et al. |
| u | 28 | 5295251 | 1994-03-15 | Wakui, Fujio , et al. |
| q | 29 | 5361375 | 1994-11-01 | Ogi, Yoshifumi |
| u | 30 | 5469557 | 1995-11-21 | Salt, Tom , et al. |
| q | 31 | 5506975 | 1996-04-09 | Onodera, Osama |
| u | 32 | 5555385 | 1996-09-10 | Osisek, Damian L. |
| q | 33 | 5555414 | 1996-09-10 | Hough, Roger E., et al. |
| u | 34 | 5560013 | 1996-09-24 | Scalzi, Casper A., et al. |
| q | 35 | 5564040 | 1996-10-08 | Kubala, Jeffrey P. |
| q | 36 | 5574936 | 1996-11-12 | Ryba, Edward G., et al. |
| q | 37 | 5582717 | 1996-12-10 | Di Santo, Dennis E. |
| u | 38 | 5604805 | 1997-02-18 | Brands, Stefanus A. |
| q | 39 | 5633929 | 1997-05-27 | Kaliski, Jr., Burton S. |

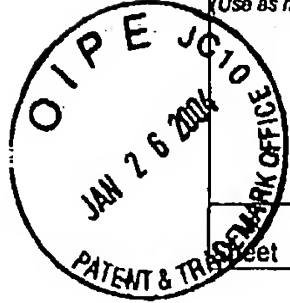
| | | | | |
|---|----|---------|------------|------------------------------|
| 4 | 40 | 5668971 | 1997-11-16 | Neufeld, E. D. |
| 9 | 41 | 5684948 | 1997-11-04 | Johnson, James S., et al. |
| 9 | 42 | 5706469 | 1998-01-06 | Kobayashi, Souichi |
| 4 | 43 | 5740178 | 1998-04-14 | Jacks, Steven A., et al. |
| 4 | 44 | 5752046 | 1998-05-12 | Oprescu, Florin , et al. |
| 9 | 45 | 5809546 | 1998-09-15 | Greenstein, Paul G., et al. |
| 4 | 46 | 5825880 | 1998-10-20 | Sudia, Frank W., et al. |
| 9 | 47 | 5919257 | 1999-07-06 | Trostle, Jonathan |
| 9 | 48 | 5935242 | 1999-08-10 | Madany, Peter W., et al. |
| 9 | 49 | 5935247 | 1999-08-10 | Pai, Hsin-Ying , et al. |
| 9 | 50 | 5956408 | 1999-09-21 | Arnold, Todd W. |
| 4 | 51 | 5978475 | 1999-11-02 | Schneier, Bruce , et al. |
| 4 | 52 | 6035374 | 2000-03-07 | Panwar, Ramesh , et al. |
| 1 | 53 | 6044478 | 2000-03-28 | Green, Daniel W. |
| 1 | 54 | 6088262 | 2000-07-11 | Nasu, Hiroaki |
| 4 | 55 | 6093213 | 2000-07-25 | Favor, John G., et al. |
| 4 | 56 | 6108644 | 2000-08-22 | Goldschlag, David M., et al. |
| 9 | 57 | 6131166 | 2000-10-10 | Wong-Isley, Becky |
| 4 | 58 | 6173417 | 2001-01-09 | Merrill, John W. |
| 9 | 59 | 6175924 | 2001-01-16 | Arnold, Todd W. |
| 9 | 60 | 6188257 | 2001-02-13 | Buer, Mark L. |
| 4 | 61 | 6199152 | 2001-03-06 | Kelly, Edmund J., et al. |
| 9 | 62 | 6275933 | 2001-08-14 | Fine, Michael , et al. |
| 9 | 63 | 6282650 | 2001-08-28 | Davis, Derek L. |
| 4 | 64 | 6327652 | 2001-12-04 | England, Paul , et al. |
| 9 | 65 | 6378068 | 2002-04-23 | Foster, Mark J. |
| 9 | 66 | 6397379 | 2002-05-28 | Yates, Jr., John S., et al. |
| 4 | 67 | 6529909 | 2003-03-04 | Bowman-Amuah, Michel K. |
| 9 | 68 | 6560627 | 2003-05-06 | McDonald, Michael F., et al. |
| 9 | 69 | 6609199 | 2003-08-19 | DeTreville, John |
| 9 | 70 | 6615278 | 2003-09-02 | Curtis, Bryce A. |
| 9 | 71 | 6651171 | 2003-11-18 | England, Paul , et al. |
| 4 | 72 | 6678825 | 2004-01-13 | Ellison, Carl M., et al. |
| 4 | 73 | 6684326 | 2004-01-27 | Cromer, Daryl C., et al. |

Signature



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Substitute for form 1449A/PTO
**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
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| First Named Invent r | Ellison, Carl |
| Gr up Art Unit | 2186 |
| Examiner Name | Peikari, Behzad |

Attorney Docket No: 42P09654C

US PATENT DOCUMENTS

| Examiner Initial * | USP Document Number | Publication Date | Name of Patentee or Applicant of cited Document | Class | Subclass | Filing Date If Appropriate |
|--------------------|---------------------|------------------|---|-------|----------|----------------------------|
|--------------------|---------------------|------------------|---|-------|----------|----------------------------|

FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Foreign Document No | Publication Date | Name of Patentee or Applicant of cited Document | Class | Subclass | T ² |
|--------------------|---------------------|------------------|---|-------|----------|----------------|
| BD | ✓ DE-4217444 | 12/03/1992 | Toyohisa, Imada, et al. | | | |
| me | ✓ EP-473913 | 03/11/1992 | Farrell, Joel A. | | | |
| u | EP-0600112 | 06/08/1994 | Wimmer, Manfred D. | | | |
| u | EP-0930567 | 07/21/1999 | Brewer, Jason M. | | | |
| el | EP-1030237 | 08/23/2000 | Proudlar, John, et al. | | | |
| dr | EP-1146715 | 10/17/2001 | Wang, Xin, et al. | | | |
| m | ✓ JP-2000076139 | 03/14/2000 | Tanno, Masaaki, et al. | | | |
| dr | WO-0062232 | 10/19/2000 | Headrick, Samuel P., et al. | | | |
| y | WO-0127723 | 04/19/2001 | Vamvakas, Athanasia, et al. | | | |
| a | WO-0127821 | 04/19/2001 | Chen, Ligu, et al. | | | |
| u | ✓ WO-0175564 | 10/11/2002 | Herbert, Howard C., et al. | | | |
| u | WO-0175565 | 10/11/2001 | Ellison, Carl M. | | | |
| a | WO-0175595 | 10/11/2001 | Ellison, Carl M., et al. | | | |
| or | ✓ WO-02086684 | 10/31/2002 | Proudlar, Graeme J. | | | |
| u | ✓ WO-0217555 | 02/28/2002 | Ford, Warwick | | | |
| u | WO-9729567 | 08/14/1997 | Gressel, Carmi, et al. | | | |
| u | WO-9834365 | 08/06/1998 | Devanbu, Premkumar T., et al. | | | |
| u | WO-9844402 | 10/08/1998 | Bramhill, Ian D., et al. | | | |
| u | WO-9905600 | 02/04/1999 | Garst, Blaine, et al. | | | |
| u | WO-9909482 | 01/15/2002 | Bausch, Jean | | | |
| u | WO-9957863 | 11/11/1999 | Hayes Jr., Kent F., et al. | | | |

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
|--------------------|----------------------|---|----------------|
| u | | BERG, CLIFF, "How Do I Create a Signed Applet?", <u>Dr. Dobb's Journal</u> , (08/1997), 1-9 | |
| u | | ✓ BRANDS, STEFAN, "Restrictive Blinding of Secret-Key Certificates", SPRINGER-VERLAG XP002201306, (1995), Chapter 3 | |
| u | | ✓ CHIEN, ANDREW A., et al., "Safe and Protected Execution for the Morph/AMRM Reconfigurable Processor", 7th Annual IEEE Symposium, FCCM '99 Proceedings, XP010359180, ISBN 0-7695-0375-6, Los Alamitos, CA, (4/21/1999), 209-221 | |

EXAMINER

[Signature]

DATE CONSIDERED

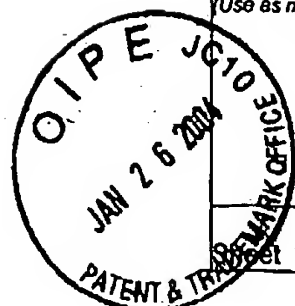
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| | |
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Sheet 2 of 3

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

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|--------------------|----------------------|--|----------------|
| dl | | ✓ COMPAQ COMPUTER CORPORATION, et al., "Trusted Computing Platform Alliance (TCPA) Main Specification Version 1.1a", (12/2001), 1-321 | |
| q | | ✓ DAVIDA, GEORGE I., et al., "Defending Systems Against Viruses through Cryptographic Authentication", <u>Proceedings of the Symposium on Security and Privacy</u> , IEEE Comp. Soc. Press, ISBN 0-8186-1939-2, (May 1989), | |
| q | | GOLDBERG, ROBERT P., "Survey of Virtual Machine Research", <u>COMPUTER Magazine</u> , (06/1974), 34-35 | |
| q | | GONG, LI, et al., "Going Behind the Sandbox: An Overview of the New Security Architecture in the Java Development Kit 1.2", <u>Proceedings of the USENIX Symposium on Internet Technologies and Systems</u> , Monterey, CA, (12/1997), | |
| q | | GUM, P. H., "System/370 Extended Architecture: Facilities for Virtual Machines", <u>IBM J. Research Development</u> , Vol 27, Number 6, (11/1983), 530-544 | |
| q | | HEINRICH, JOE, "MIPS R4000 Microprocessor User's Manual, Second Edition", Chapter 4 "Memory Management", (6/11/1993), 61-97 | |
| q | | ✓ IBM, "Information Display Technique for a Terminate Stay Resident Program IBM Technical Disclosure Bulletin", <u>TDB-ACC-No. NA9112156</u> , Vol. 34, Issue 7A, (12/1/1991), 156-158 | |
| q | | INTEL, "Intel386 DX Microprocessor 32-Bit CMOS Microprocessor With Integrated Memory Management", (1995), 5-56 | |
| q | | ✓ KARGER, PAUL A., et al., "A VMM Security Kernal for the VAX Architecture", <u>Proceedings of the Symposium on Research in Security and Privacy</u> , XP010020182, ISBN 0-8186-2060-9, Boxborough, MA, (5/7/1990), 2-19 | |
| q | | ✓ KASHIWAGI, KAZUHIKO, et al., "Design and Implementation of Dynamically Reconstructing System Software", <u>Software Engineering Conference</u> , Proceedings 1996 Asia-Pacific Seoul, South Korea 4-7 Dec. 1996, Los Alamitos, CA USA, IEEE Comput. Soc. US, ISBN 0-8186-7638-8, (1996), | |
| q | | LAWTON, KEVIN, et al., "Running Multiple Operating Systems Concurrently on an IA32 PC Using Virtualization Techniques", http://www.plex86.org/research/paper.txt , (11/29/1999), 1-31 | |
| q | | ✓ LUKE, JAHN, et al., "Replacement Strategy for Aging Avionics Computers", <u>IEEE AES Systems Magazine</u> , XP002190614, (March 1999), | |
| q | | ✓ MENEZES, OORSCHOT, "Handbook of Applied Cryptography", <u>CRC Press LLC</u> , USA XP002201307, (1997), 475 | |
| q | | MOTOROLA, "M68040 User's Manual", (1993), 1-1 to 8-32 | |
| q | | ✓ RICHT, STEFAN, et al., "In-Circuit-Emulator Wird Echtzeitauglich", <u>Elektronik</u> , Franzis Verlag GMBH, Munchen, DE, Vol. 40, No. 16, XP000259620, (100-103), 8-6-1991 | |
| q | | ✓ ROBIN, JOHN S., et al., "Analysis of the Pentium's Ability to Support a Secure Virtual Machine Monitor", <u>Proceedings of the 9th USENIX Security Symposium</u> , XP002247347, Denver, Colorado, (8/14/00), 1-17 | |

EXAMINER

Bhn

DATE CONSIDERED

9/19/04

Substitute Disclosure Statement Form (PTO-1449)

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|--------------------|----------------------|---|----------------|
| u | | ROSENBLUM, M. , "Virtual Platform: A Virtual Machine Monitor for Commodity PC", Proceedings of the 11th Hotchips Conference, (8/17/1999), 185-196 | |
| u | | SAEZ, SERGIO , et al., "A Hardware Scheduler for Complex Real-Time Systems", Proceedings of the IEEE International Symposium on Industrial Electronics, XP002190615, (July 1999), 43-48 | |
| u | | SHERWOOD, TIMOTHY , et al., "Patchable Instruction ROM Architecture", Department of Computer Science and Engineering, University of California, San Diego, La Jolla, CA, (Nov. 2001), | |

EXAMINER

DATE CONSIDERED

9/19/04

Substitute Disclosure Statement Form (PTO-1449)

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached



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| | |
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| First Named Inventor | Carl M. Ellison |
| Group Art Unit | 2186 |
| Examiner Name | Mano Padmanabhan |

Sheet 1 of 4

Attorney Docket No: 42390.P9654C

FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Foreign Document No | Publication Date | Name of Patentee or Applicant of cited Document | Class | Subclass | T ² |
|--------------------|---------------------|------------------|---|-------|----------|----------------|
| | DE DE4217444 | 12/03/1992 | Teyohisa, Imada, et al. | | | |
| | EP EP0473913 | 03/11/1992 | Farrell, Joel A. | | | |
| | EP EP0600112 | 06/08/1994 | Wimmer, Manfred D. | | | |
| u | EP EP0892521 | 01/20/1999 | Zamek, Steven | | | |
| | EP EP0930567 | 07/21/1999 | Brewer, Jason M. | | | |
| u | EP EP0961193 | 12/01/1999 | Laczko, Sr., Frank L. | | | |
| u | EP EP0965902 | 12/22/1999 | Force, Gordon, et al. | | | |
| | EP EP1030237 | 08/23/2000 | Proudlar, John, et al. | | | |
| | EP EP1055989 | 11/29/2000 | Proudlar, Graeme J., et al. | | | |
| u | EP EP1056014 | 11/29/2000 | Proudlar, Graeme J., et al. | | | |
| u | EP EP1085396 | 03/21/2001 | Proudlar, Graeme J., et al. | | | |
| | EP EP1146715 | 10/17/2001 | Wang, Xin, et al. | | | |
| u | EP EP1271277 | 01/02/2003 | Behar, Yaachov | | | |
| | JP JP2000076139 | 03/14/2000 | Tanne, Masaaki, et al. | | | |
| u | WO WO0021238 | 04/13/2000 | Drews, Paul C. | | | |
| | WO WO0062232 | 10/19/2000 | Headrick, Samuel P., et al. | | | |
| | WO WO0127723 | 04/19/2001 | Vamvakas, Athanasia, et al. | | | |
| | WO WO0127821 | 04/19/2001 | Chen, Liqun, et al. | | | |
| u | WO WO0163994 | 08/30/2001 | Van Sant, Glen, et al. | | | |
| | WO WO0175564 | 10/11/2002 | Herbert, Howard C., et al. | | | |
| | WO WO0175565 | 10/11/2001 | Ellison, Carl M. | | | |
| | WO WO0175595 | 10/11/2001 | Ellison, Carl M., et al. | | | |
| u | WO WO0201794 | 01/03/2002 | Ellison, Carl | | | |
| u | WO WO02060121 | 08/01/2002 | Grawrock, David W. | | | |
| | WO WO02086684 | 10/31/2002 | Proudlar, Graeme J. | | | |
| | WO WO0217555 | 02/28/2002 | Ford, Warwick | | | |
| u | WO WO03058412 | 07/17/2003 | Glew, Andrew, et al. | | | |
| u | WO WO9524696 | 09/14/1995 | Mooney, David M., et al. | | | |
| | WO WO9729587 | 08/14/1997 | Gressel, Carmi, et al. | | | |
| u | WO WO9812620 | 03/26/1998 | Nishiuchi, Taiki, et al. | | | |
| | WO WO9834365 | 08/06/1998 | Devanbu, Premkumar T., et al. | | | |
| | WO WO9844402 | 10/08/1998 | Bramhill, Ian D., et al. | | | |
| | WO WO9905600 | 02/04/1999 | Garst, Blaine, et al. | | | |
| | WO WO9909482 | 01/15/2002 | Bauseh, Jean | | | |
| u | WO WO9918511 | 04/15/1999 | Edrich, David R. | | | |

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9/19/04

Substitute Disclosure Statement Form (PTO-1449)

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| Examiner Name | Mano Padmanabhan |

Sheet 2 of 4

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FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Foreign Document No | Publication Date | Name of Patentee or Applicant of cited Document | Class | Subclass | T ² |
|--------------------|---------------------|------------------|---|-------|----------|----------------|
| | WO-WO9957863 | 11/11/1999 | Hayes Jr., Kent F., et al. | | | |
| <i>hu</i> | WO-WO9965579 | 12/23/1999 | Bond, Eugene T. | | | |

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
|--------------------|----------------------|---|----------------|
| | | BERG, CLIFF, "How Do I Create a Signed Applet?", <u>Dr. Dobb's Journal</u> , (08/1997),1-9 | |
| | | BRANDS, STEFAN, "Restrictive Blinding of Secret Key Certificates", <u>SPRINGER-VERLAG XP002201306</u> , (1995),Chapter 3 | |
| | | CHIEN, ANDREW A., et al., "Safe and Protected Execution for the Morph/AMRM Reconfigurable Processor", <u>7th Annual IEEE Symposium, FCCM '99 Proceedings</u> , XP010359180, ISBN 0-7695-0375-6, Los Alamitos, CA, (4/21/1999),209-221 | |
| | | COMPAQ COMPUTER CORPORATION, "Trusted Computing Platform Alliance (TCPA) Main Specification Version 1.1a", <u>XP002272822</u> , (1/25/2001),1-321 | |
| <i>hu</i> | | COULOURIS, GEORGE, et al., "Distributed Systems, Concepts and Designs", 2nd Edition, (1994),422-424 | |
| <i>hu</i> | | CRAWFORD, JOHN, "Architecture of the Intel 80386", <u>Proceedings of the IEEE International Conference on Computer Design: VLSI in Computers and Processors (ICCD '86)</u> , (October 6, 1986),155-160 | |
| | | DAVIDA, GEORGE I., et al., "Defending Systems Against Viruses through Cryptographic Authentication", <u>Proceedings of the Symposium on Security and Privacy</u> , IEEE Comp. Soc. Press, ISBN 0-8186-1939-2,(May 1989), | |
| <i>hu</i> | | FABRY, R.S., "Capability-Based Addressing", <u>Fabry, R.S., "Capability-Based Addressing"</u> , <u>Communications of the ACM</u> , Vol. 17, No. 7, (July 1974),403-412 | |
| <i>hu</i> | | FRIEDER, GIDEON, "The Architecture And Operational Characteristics of the VMX Host Machine", <u>The Architecture And Operational Characteristics of the VMX Host Machine</u> , IEEE, (1982),9-16 | |
| | | GOLDBERG, ROBERT P., "Survey of Virtual Machine Research", <u>COMPUTER Magazine</u> , (06/1974),34-35 | |
| | | GONG, LI, et al., "Going Behind the Sandbox: An Overview of the New Security Architecture in the Java Development Kit 1.2", <u>Proceedings of the USENIX Symposium on Internet Technologies and Systems</u> , Monterey, CA,(12/1997), | |
| | | GUM, P. H., "System/370 Extended Architecture: Facilities for Virtual Machines", <u>IBM J. Research Development</u> , Vol 27, Number 6, (11/1983),530-544 | |
| | | HEINRICH, JOE, "MIPS R4000 Microprocessor User's Manual, Second Edition", Chapter 4 "Memory Management", (6/11/1993),61-97 | |
| <i>hu</i> | | HP MOBILE SECURITY OVERVIEW, "HP Mobile Security Overview", (Sept. 2002),1-10 | |

EXAMINER

DATE CONSIDERED

9/19/04

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | |
|--|----------------------------------|-----------------------------|
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|--|----------------------|---|----------------|
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| | | IBM, "Information Display Technique for a Terminate Stay Resident Program IBM Technical Disclosure Bulletin", TDB-ACC-No. NA9112156, Vol. 34, Issue 7A, (12/1/1991),156-158 | |
| h | | IBM CORPORATION, "IBM ThinkPad T30 Notebooks", IBM Product Specification, located at www-1.ibm.com/services/files/cisco_t30_spec_sheet_070202.pdf , last visited June 23, 2004,(July 2, 2002),1-6 | |
| h | | INTEL, "IA-32 Intel Architecture Software Developer's Manual", Volume 3: System Programming Guide, Intel Corporation - 2003,13-1 through 13-24 | |
| | | INTEL, "Intel386 DX Microprocessor 32-Bit GHMOS Microprocessor With Integrated Memory Management", (1995),5-56 | |
| h | | INTEL CORPORATION, "IA-64 System Abstraction Layer Specification", Intel Product Specification, Order Number 245359-001, (01/2000),1-112 | |
| h | | INTEL CORPORATION, "Intel 82802AB/82802AC Firmware Hub (FWH)", Intel Product Datasheet, Document Number 290658-004,(November 2000),1-6, 17-28 | |
| h | | INTEL CORPORATION, "Intel IA-64 Architecture Software Developer's Manual", Volume 2: IA-64 System Architecture, Order Number 245318-001, (01/2000),i, ii, 5.1-5.3, 11.1-11.8, 11.23-11.26 | |
| | | KARGER, PAUL A., et al., "A VMM Security Kernel for the VAX Architecture", Proceedings of the Symposium on Research in Security and Privacy, XP010020182, ISBN 0-8186-2060-9, Boxborough, MA, (5/7/1990),2-19 | |
| | | KASHIWAGI, KAZUHIKO, et al., "Design and Implementation of Dynamically Reconstructing System Software", Software Engineering Conference, Proceedings 1996 Asia-Pacific Seoul, South Korea 4-7 Dec. 1996, Los Alamitos, CA USA, IEEE Comput. Soc, US, ISBN 0-8186-7638-8,(1996), | |
| | | LAWTON, KEVIN, et al., "Running Multiple Operating Systems Concurrently on an IA32 PC Using Virtualization Techniques", http://www.plex86.org/research/paper.txt , (11/29/1999),1-31 | |
| | | LUKE, JAHN, et al., "Replacement Strategy for Aging Avionics Computers", IEEE AES Systems Magazine, XP002190614,(March 1999), | |
| | | MENEZES, ALFRED J., et al., "Handbook of Applied Cryptography", CRC Press LLC, USA XP002201307, (1997),475 | |
| h | | MENEZES, ALFRED J., et al., "Handbook of Applied Cryptography", CRC Press Series on Discrete Mathematics and its Applications, Boca Raton, FL, XP002165287, ISBN 0849385237,(Oct. 1996),403-405, 506-515, 570 | |
| | | MOTOROLA, "M68040 User's Manual", (1993),1-1 to 8-32 | |
| h | | NANBA, S., et al., "VM/4: ACOS-4 Virtual Machine Architecture", VM/4: ACOS-4 Virtual Machine Architecture, IEEE, (1985),171-178 | |
| | | RIGHT, STEFAN, et al., "In-Circuit Emulator Wird Echtzeittauglich", Elektronik, Franzis Verlag GMBH, Munchen, DE, Vol. 40, No. 16, XP000259620,(100-103),8-6-1991 | |

EXAMINER

h

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| | | ROBIN, JOHN S., et al., "Analysis of the Pentium's Ability to Support a Secure Virtual Machine Monitor", <u>Proceedings of the 9th USENIX Security Symposium, XP002247347, Denver, Colorado, (8/14/00), 1-17</u> | |
| | | ROSENBLUM, M., "Virtual Platform: A Virtual Machine Monitor for Commodity PC", <u>Proceedings of the 11th Hotchips Conference, (8/17/1999), 185-196</u> | |
| h | | RSA SECURITY, "Hardware Authenticators", <u>www.rsasecurity.com/node.asp?id=1158, 1-2</u> | |
| h | | RSA SECURITY, "RSA SecurID Authenticators", <u>www.rsasecurity.com/products/securid/datasheets/SID_DS_0103.pdf, 1-2</u> | |
| h | | RSA SECURITY, "Software Authenticators", <u>www.rsasecurity.com/node.asp?id=1313, 1-2</u> | |
| | | SAEZ, SERGIO, et al., "A Hardware Scheduler for Complex Real Time Systems", <u>Proceedings of the IEEE International Symposium on Industrial Electronics, XP002190615, (July 1999), 43-48</u> | |
| h | | SCHNEIER, BRUCE, "Applied Cryptography: Protocols, Algorithm, and Source Code in C", <u>Wiley, John & Sons, Inc., XP002939871; ISBN 0471117099, (Oct. 1995), 47-52</u> | |
| h | | SCHNEIER, BRUCE, "Applied Cryptography: Protocols, Algorithm, and Source Code in C", <u>Wiley, John & Sons, Inc., XP002138607; ISBN 0471117099, (Oct. 1995), 56-65</u> | |
| h | | SCHNEIER, BRUCE, "Applied Cryptography: Protocols, Algorithms, and Source Code in C", <u>Wiley, John & Sons, Inc., XP002111449; ISBN 0471117099, (Oct. 1995), 169-187</u> | |
| h | | SCHNEIER, BRUCE, "Applied Cryptography: Protocols, Algorithms, and Source Code in C", <u>2nd Edition; Wiley, John & Sons, Inc., XP002251738; ISBN 0471128457, (Nov. 1995), 28-33; 176-177; 216-217; 461-473; 518-522</u> | |
| | | SHERWOOD, TIMOTHY, et al., "Patchable Instruction ROM Architecture", <u>Department of Computer Science and Engineering, University of California, San Diego, La Jolla, CA, (Nov. 2001),</u> | |

EXAMINER

[Signature]

DATE CONSIDERED

9/19/04

Substitute Disclosure Statement Form (PTO-1449)

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached